

Minimalism

Scheme of Work for KS3 Music

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Teacher's Introduction

The Minimalism Scheme of Work is intended to provide a KS3 level of activities to encourage students to listen to, analyse, compose and perform in a minimalistic style. Skills from this resource can be developed for both GCSE and BTEC Tech Awards. It not only develops the practical skills of the students, but their knowledge and understanding of minimalistic composers, the techniques used and how to use those techniques within their own compositions. It will also help to develop solo, duet and ensemble work.

Students will also have many opportunities to listen to and appraise other students' work, thereby developing their analysing and evaluating skills, and will be given the opportunity to discuss their findings in detail using musical terminology relevant to minimalist music.

There are scaffolded tasks throughout and further extension tasks, giving higher attaining students a chance to learn and develop their skills in writing in music notation and more difficult rhythms.

There are homework suggestions for each lesson. This will consolidate the knowledge that students are learning within each lesson and further develop their music appreciation skills.

This resource enables minimalist music to be taught through a number of pathways (choose one):

- 1) With the use of body percussion throughout
- 2) The use of instruments, should they be available (pitched or unpitched)
- 3) All written in either music notation or drawings (depending on the level of the student)
- 4) Using music software (such as BandLab, GarageBand, etc.) and therefore developing students' ICT skills as well as their musical theory knowledge

This resource meets the following requirements of the National Curriculum for KS3 Music:

- Perform on an instrument both solo and in an ensemble
- Use music notation for both performance and composition activities
- Listen to and appraise music from a number of composers within the minimalist style
- Develop skills in technology (with use of BandLab)
- Identify techniques used in minimalist music and understand how to use them to create own minimalist piece (e.g. note addition, phrase shifting, repetition)

Answers for relevant worksheets can be found at the back of the pack.

This resource is designed for students to write their answers in their own exercise books or on manuscript paper to save on the amount of paper needed for photocopying. With this in mind, some worksheets have been repeated or doubled-up on a page. This symbol indicates an activity which can usefully be completed directly on the worksheet where a version to be photocopied has been provided in an appendix at the end of the resource. A page of manuscript paper has been provided at the end of the pack. For Lesson 6, Worksheet 6A, the write-on crossword is included in the resource itself and not the appendix.



February 2025

Scheme of Work – Lesson Over

	Aims		To understand that minimalist i	
		•	To know some of the musical te	echni
		•	To understand the technique of	f pha
		•	To be able to perform (and com	npose
			Clapping Music	
	Key terms	•	Minimalism	•
Lesson 1: What is	,		Phase shifting	•
Minimalist Music?		•	Technique	•
		•	Additive melody/rhythm	
	Resources	•	Laptop	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Si ea ers	
			UsTube (or Spotify)	
		,	Mini whiteboards and pens or p	nlain
, a sili	\. sheets	1Δ	1B, 1C, 1D, 1E	710111
	Aims	•	To be able to describe emotion	c aiv
	**AIIIIS		To know what an ostinato is	s give
				atina
	V t	_	To be able to perform a given o	Stille
Lesson 2: Terry	Key terms	•		
Riley's 'In C'			Ostinato	
			Pattern	
	387 1 1	2.4	Conduct(ing)	
	Worksheets	2A,		
	Aims	•	To be able to compose a simple	3
		•	To be able to perform an ostina	3
		•	To be able to recreate Terry Rile	ey's
	Key terms	•	Compose	•
		•	Ensemble	•
Lesson 3:		•	Recreate	•
Composing with	Resources	•	Laptop	
Ostinato		•	Speakers	
			YouTube (or Spotify)	
		•	Pitched and/or unpitched instru	umer
			percussion)	
		•	Paper and manuscript paper	
	Worksheets	3A,	3B, 3C, 3D, 3E, 3F	_
	Aims	•	To understand the technique of	3
		•	To be able to apply the techniq	
			using a giver asse (this can b	
			Digit A di Vorkstation (DAV	
		-	be alle to recall some of the	key
	Key terms	•	Technique	•
		•	Additive melodies/rhythms	•
Lesson 4: ve		•	Phrase	•
Melodies/ ns		•	Rhythm	
	Resources	•	Laptop	
		•	Speakers	
		•	YouTube (or Spotify)	
		•	Pitched and/or unpitched instru	umer
			percussion)	
		•	Student computers (if available	and
	Worksheets	4A,	4B, 4C, 4D	

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Aims • To be able to recall and identify	the d
techniques learnt	
To understand the impact of th	e diffe
To begin a composition using two	vo or t
techniques	
Key terms • Phase shifting	•
• Ostinato	•
Composing • Repetition	•
Minimalist Music • Development	•
Part 1 Resources • Laptop	
• Speakers	
YouTube (or \$\infty)	
Pitchranistra nents (if available)	e – if r
ipiced as a theory lesson)	
Manuscript paper or student co	mput
Sibelius or MuseScore (for exar	nple)
5A, 5B, 5C	
Aims • To be able to develop the minir	nalist
20–30-second piece of music	
To be able to perform/present	as a gr
To be able to recall the key feat	:ures/\
Key terms • Phase shifting	•
Ostinato	•
Lesson 6: • Repetition	•
Composing • Development	•
Minimalist Music • Additive melody/rhythm	•
Part 2 Resources • Laptop	
Speakers	
YouTube (or Spotify)	
Pitched and/or unpitched instru	ument
percussion)	
Paper and manuscript paper	
Worksheets 6A, 6B	

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Lesson 1: What is Minimalist Music?

Lesson Plan

Aims

- To understand that minimalist music is based on one simp
- To know some of the musical techniques used in minimals
- To understand the technique of phase shifting
- To be able to perform (and compose a version of) Steve Re

Students to hear a minimalist piece of music with a minimalisti (teacher to choose what they think is appropriate artwork for t the similarities between the art and the music. Tease out what music actually is.

Starter 5 minutes

Try to aid students (with the riginal remains answers) to come up to one idea, 'report to 'r air changes', etc.



S piece to listen to: Philip Glass – Glassworks Opening Display: a musical phrase which has been repeated over and or shifting with the original phrase highlighted; an example of addinitial phrase highlighted.

Question: what do you think minimalist music is? Try to get an idea that is repeated and changed'. For lower attaining studen with keywords or partial definitions.

Go through the definitions of the three main minimalist technic and note addition. Try to play an example on a piano if you can music specialist for this. See suggestions below to help:

- Repetition clap any rhythm (it can be part of a song/charclear to the students that this is your initial rhythm. Clap times.
- Phase shifting clap a very simple rhythm but make sure t somewhere. As an example, follow the steps below:

Main (pre-learning) 10 minutes

- 1) Clap once, rest, clap twice, rest, clap three times
- 2) Rest, clap twice, rest, clap three times, clap once (the first the beginning and placed at the end)
- 3) Clap twice, rest, clap three times, clap once, rest
- 4) Rest, clap three times, clap once, rest, clap twice
- 5) Clap three times, clap once, rest, clap twice, rest
- 6) Clap once, rest, clap twice, rest, clar three times (note that then you will finish by clar is given exact same rhythm as

Additive r and 1 standard relap a very simple rhythm. Representation (it doesn't matter if you wait a while or put a peat this rhythm with the extra clap and add in another four or five times. To help students identify where each patterns, you may want to leave a small gap between each



Play a video of Steve Reich's 'Clapping Music' (suggested track: Students to identify which technique has been used (phase shill

- How do they know which technique it is?
- Can they pick out the starting rhythm? (Higher attaining)
- Describe how the rhythm moves/changes (it will be exact) but with more beats in the original rhythm to shift).

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Students to be given 15-20 minutes, in pairs, to learn and rehe Music'. The different worksheets provide differentiation for st worksheet 1A being for the lower attaining / some SEND stude (which most students will use), and 1C written in music notation students. If you do not know the students well enough, start provide different worksheets 5 minutes in where you see fit Further extension task (aimed at higher attaining pupils [HAPs student who has completed the initial task regardless of what Can the students phase shift in the same way but in a group Performance 25 minutes Have some pairs play out their work for the reassessment. Aim musical terms such as accuracy in en y and musicality. **Extension:** For parts a complete the task, provide them with They are their own version of the Clapping Music. s (, ' e encouraged to write in music notation and use a mix be played out for peer-assessment instead of the original piece Students to have a further 10 minutes to reflect on their feed Worksheets required: 1A, 1B, 1C, 1D Recap the three main methods through a drawing game (either teacher has some, or on paper). Students to take it in turns to draw an example of it for others to guess (could be done in gro Drawings do not have to be technical or musical. They can draw letters, numbers and symbols) they think will work (as long as **Plenary** 10 minutes If this proves too difficult you could draw certain shapes, symb can use, but use your judgement as to which students may nee give it to all! Teachers can use mini whiteboards or plain paper for this act Complete the quiz provided. Homework Worksheet required: 1E (to be handed out to students)

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Worksheet 1A: Steve Reich's Clapping

Part 1:

Use the words in the table below to first of all learn the main rhythm. Try to clap tyour pair:

	LAP	CLAP	CLAP		CLAP	CLAP		CLAP	
--	-----	------	------	--	------	------	--	------	--

Part 2:

Use the table below to try to perform the phase shifting of Steve Reich's 'Clapping the rhythm above and repeat it over and over. The other person should 'shift' the they play the exact same rhythm at the same time as their calture again.

Person 1	CLAP	CLAP	CLAP		CI VA	LAP		CLAP
	Ι.		Γ					-
Person 2	CLAP	CLAP	Ci/	. N . 🚅	CLAP	CLAP		CLAP
	CLAP	CI V	1	CLAP	CLAP		CLAP	
			CLAP	CLAP		CLAP		CLAP
	(130)	CLAP	CLAP		CLAP		CLAP	CLAP
	-AP	CLAP		CLAP		CLAP	CLAP	
	CLAP		CLAP		CLAP	CLAP		CLAP
		CLAP		CLAP	CLAP		CLAP	CLAP
	CLAP		CLAP	CLAP		CLAP	CLAP	CLAP
		CLAP	CLAP		CLAP	CLAP	CLAP	
	CLAP	CLAP		CLAP	CLAP	CLAP		CLAP
	CLAP		CLAP	CLAP	CLAP		CLAP	CLAP
		CLAP	CLAP	CLAP		CLAP	CLAP	
Last row	CLAP	CLAP	CLAP		CLAP	CLAP		CLAP

Worksheet 1A: Steve Reich's Clapping

Dark 1s

Use the words in the table below to first of all learn the main rhythm. Try to clap I your pair:

CLAP	CLAP	CLAP		CLAP	CLAP		CLAP	
------	------	------	--	------	------	--	------	--

Part 2:

Use the table below to try to perform the phase shifting of Steve Reich's 'Clapping the rhythm above and repeat it over and over. The other person should 'shift' the they play the exact same rhythm at the same time as their real ther again.

Person 1	CLAP	CLAP	CLAP		CL (P	LAP		CLAP
Person 2	CLAP	CLAP	('/',	, <u>, , , ,</u>	CLAP	CLAP		CLAP
	CLAP	C! (تدد	CLAP	CLAP	CLAI	CLAP	CEMI
	4	112	CLAP	CLAP		CLAP		CLAP
	(30)	CLAP	CLAP		CLAP		CLAP	CLAP
	CLAP	CLAP		CLAP		CLAP	CLAP	
	CLAP		CLAP		CLAP	CLAP		CLAP
		CLAP		CLAP	CLAP		CLAP	CLAP
	CLAP		CLAP	CLAP		CLAP	CLAP	CLAP
		CLAP	CLAP		CLAP	CLAP	CLAP	
	CLAP	CLAP		CLAP	CLAP	CLAP		CLAP
	CLAP		CLAP	CLAP	CLAP		CLAP	CLAP
		CLAP	CLAP	CLAP		CLAP	CLAP	
Last row	CLAP	CLAP	CLAP		CLAP	CLAP		CLAP

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Worksheet 1B: Steve Reich's Clapping

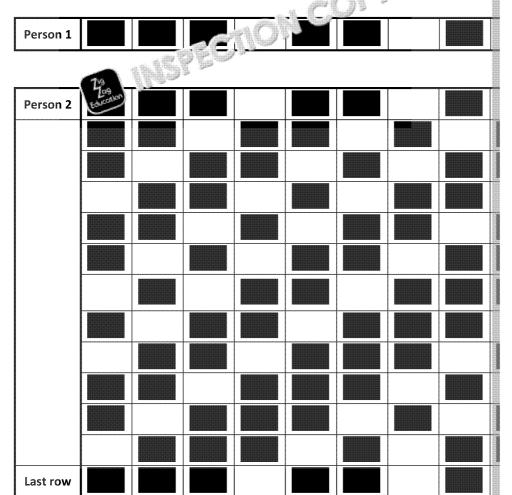
Part 1:

Use the table below to first of all learn the main rhythm. Try to clap this together



Part 2:

Use the table below to try to perform the phase shifting of Steve Reich's 'Clapping the rhythm above and repeat it over and over. The other person should 'shift' the they play the exact same rhythm at the same time as the same the regain.



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Worksheet 1C: Steve Reich's Clapping

Part 1:

Use the notation below to first of all learn the main rhythm. Try to clap this together:



Part 2:

Use the notation below to try to perform the phase shifting. Steve Reich's 'Clap play the top line and the other the bottom line. You all how if you have played and end at the same time.



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Worksheet 1D: Composing Clapping Music

Usir	ng tables lil	ce the ones be	low, compose	your own rhyt	hm and that rl	nythm in a
Mai	n rhythm					
Pha	se shifting					
				3		
Usir	ation on sin	gie-line staves:			right) write yo a time signatu	
•	Then writ	e the phase sh	i fting pattern	(make sure yo	u put in	
	#					-
S-2000 1000 1000 10						

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Worksheet 1E (Homework): Quiz

- 1) Describe minimalist music.
- Name a minimalist composer. 2)
- How many beats is a crotchet worth? 3)
- Which note is worth 4 beats?
- What is the technique uscal in St. va weich's 'Clapping Music'?
- What is a rest in make a 6)
- 7)
- Explair is the term additive melodies/rhythms.

 What visual to describe when a section of music is exactly copied and What valued to describe when How many beats is a quaver worth?
- 10) Which note is worth 2 beats?



Lesson 2: Terry Riley's 'In C'

Lesson Plan

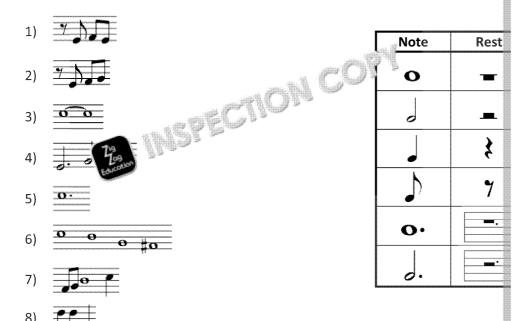
To be able to describe emotions given by the music Aims To know what an ostinato is To be able to perform a given ostinato Play a piece of minimalist music. Students to listen and be ready the following questions: What mood does the music give? How does it make you feel? (Expand on this with HAPs – w feel this way?) What makes it a minimalist piece of a lic? Starter Ask students where they thing they may have heard this type of 10 minutes Einaudi piece they and sellow a lot of reality TV shows for the b example, The actor, Dancing on Ice and even shows like This N backstories of people's lives.) ecap the three techniques covered in Lesson 1. Suggested piece: Ludovico Einaudi, 'Primavera' – zzed.uk/12703-Play Terry Riley's 'In C' (zzed.uk/12703-L2-TR). Play the piece again and get students to listen out for what make Can they hear the different parts? Main (prelearning) Explain that each instrument plays its own short, repeated patter 5 minutes Can students think of any other music that they have heard an are: 'Ice Ice Baby' by Vanilla Ice, 'Pompeii' by Bastille, 'Dark Hors Bites the Dust' by Queen.) Split the class into four or five groups. Give each group an osting 'In C' which has been provided with worksheet 2A, or one made groups time to practise on a suitable instrument (or use body p ostinato). Teacher to conduct the class and aim for a whole-class group in one at a time. Stop the group after the first play-through and discuss: What worked? Why do you think this? What didn't work? How could it be improved? What are the similarities between the piece they have just Are there any obvious differences? Performance Groups to swap ostinatos. Give small amount of time to learn ne 35 minutes attempt to conduct the class. If there is time, have groups swap os'm s a second time and ha Question the res What did it روا ال Were action Ho decide when to bring the Did you kno s in? you to com Did it sound anything like they were How did vo expecting? Why / why not? What would Worksheet required: 2A Display the keywords covered in lessons 1 and 2 on the board. **Plenary** try to describe it to the person next to them (without telling ther 10 minutes Consider offering cards with keywords on for lower attaining pur Listen to Terry Riley's 'In C' (Terry Riley In C (1968) Full Album) guestions on the homework worksheet. Homework Worksheet required: 2B (to be handed out to students)



Worksheet 2A: Ostinatos from Terry Riley

This worksheet contains 8 (out of 53) ostinatos used in Terry Riley's 'In C'. Your te ostinato to use for today's practical.

Each ostinato is written in a different time. These have been removed to save contry to count your own ostinato note by note rather than as a whole bar. Each phra a pause. Use the note values table to help work out the rhythms.



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Worksheet 2B (Homework): Listening Task for Te

Listen to 'In C' again and answer the following questions (Terry Riley In C (1968)

- 1) What is the first instrument you hear play?
- 2) How does the music build up?
- 3) How would you describe the mood/atmosphere of the susic? Why would yo
- 4) What other instruments do you hear by the ϵ ... of ϵ piece?
- 5) Which of the following terms would the codescribe the music? (Choose hypnotic minimalistic national patterned quiet
- 6) Describeration piece a minimalism piece.
- 7) How d piece end?
- 8) What minimalistic features can you hear in the music (e.g. ostinatos, repetition
- 9) How many different ostinatos do you think there are altogether?



Lesson 3: Composing with Ostinato

Lesson Plan

To be able to compose a simple ostinato **Aims** To be able to perform an ostinato as part of a group To be able to recreate Terry Riley's 'In C' Display the definitions of ostinato, phase shifting, repetition, an Students to identify the key term by the definition. Listen to Steve Reich's 'Electric Counterpoint'. Play a short extra with the students what is happening in each movement (discuss tease out keywords such as repetition, ostinato and phase shift Starter conclusion themselves, ensure you the following: Movement 1 – fast in te np 5. There's use of lots of pre-reco 5 minutes musician plavi (ine) has live over the top Movem 2 - Jow in tempo (half the pace of Movement) continued live musician playing over the top Novement 3 – original tempo and key, use of phase shifting Recap ostinato and phase shifting. Students to individually compose their own short ostinato (this notes on an instrument). They will need to write it down however read it later in the lesson. For example, they could write it as creating indicate pitch and note duration), use words (to help with accur crotchet, coffee for two quavers), etc. Composing 10 minutes HAPs to be encouraged to write it in music notation and using Lower attaining pupils (LAPs) and pupils with special educational consider providing a worksheet with a partially completed rhy Worksheets required: 3A, 3B Students to get into groups of 6–8 and, using a planning sheet, 'In C' using the ostinato they have composed. Encourage each act as conductor. (This is most likely going to start off as a HAP) in the group to take on this role too.) Extension task: add in a second section which uses the phase s composed ostinatos can be reused, but students may want to **Performance** they use to make sure the phase shifting takes on the main focul 25 minutes Consider pre-planning the groups so there is either a mix of ab attaining pupils can help the middle and lower attaining pupils (this way you can focus on groups of students at different levels easily help lower attaining/SEND pupils). Worksheet required: 3C Go through what make fective peer-assessment. Some ex Clear feed Lack Cossian comments Peer-'ng out the good things as well as things to improve! assessm₁ 10 minut lave each group of students perform their pieces for the class provided worksheet. Worksheet required: 3D Students to use the provided worksheet to self-evaluate their Plenary students to share their evaluations. 10 minutes Worksheet required: 3E Research the composer Ludovico Einaudi and complete the home Homework Worksheet required: 3F

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Worksheet 3A: My Composed Ostini

Compose a short ostinato. You should aim to have 8 beats for your ostinato. You can write your ostinato any way you can, as long as you know what it means! If you can, write it in music notation using the table to help you.



Worket 3B: My Composed Ostinato (with partial

ECTON CON

Use this worksheet to help you compose your ostinato. Your ostinato should last are some rhythm starters of 4 beats below to help you. Copy out one rhythm and at the end. You can use just words or try to complete it using music notation too (bottom to help with this).

Beat	1	2	3	4
Explained rhythm	Clap	Clap	2 even claps	Clap
Notated rhythm			J	J

Beat	1	2	3	4
Explained rhythm	Clap	2 even claps	2 even claps	Clap
Notated rhythm				J

Beat	1	2	3	4
Explained	Clap ar	Clap and hold		Clap
rhythm			claps	
Notated				
rhythm	0	9) ø

Beat	1	· -	3	4
Explained	Ant.	2 even	Shh!	2 even
rhythm	Ic /	claps	31111:	claps
Notated			>	
rhythm			6	



Worksheet 3C: Planning Task for 'In C' Recrea

- 1. List the group members.
- 2. Write down your chosen instruments/sounds.
- 3. Write down the mood/atmosphere the piece is trying to create (e.g. calm, tensor romantic).

Part 1: The beginning

The beginning is very important as this will set the tone for the whole piece. Use t your beginning carefully:

- 4. Who is going to be the first person (or people!) to play?
- 5. How are they going to start (e.g. loud, fast, gradually fielding up)?
- 6. Why have you decided on this?
- 7. At what point will the next person c

Part 2: The middle

By this point you can have people drop out and conthe group se active.

- 8. How are you going to get everybody playing?
- 9. What impact do you want the piece to have at this point? How might you ac
- 10. How will each person know when to come in / drop out?
- 11. Are you going to change the mood/atmosphere of the piece here?
- 12. Why / why not? How will your music be impacted by this decision?
- 13. How will you begin to move to the end section?

The end

This is a very important section as it is the last thing your listener will hear, leaving to consider the following things for the greatest impact and to be able to composite

- 14. Do you want the end of your piece to show the same feeling/mood/atmosphere
- 15. Why have you made this decision?
- 16. How might you go about creating this? (Think about volume, speed, number time, etc.)
- 17. How can you make the last 10 seconds memorable without it clashing or being your piece?

Key features

Every genre of music has its own set of key features. Those things that you can he each song belong to a genre. Your piece will need to contain musical features of n

- 18. What are the key features to listen out for in your piece?
- 19. How will you ensure that these can be heard clearly?

Ostinatos: Write down each person's ostinato alc is fit heir name so you have



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Worksheet 3D: Peer-assessment

A peer-assessment is when you listen to and appraise someone else's work (in this in your class). Create a table like the one below to help you write a peer-assessment work/performance today. An example has been given for you.

Group	Things that worked	Things that didn't work (be nice!)	Musical feat heard
EXAMPLE	There was a pleasant atmosphere to the piece and changes were subtle. Most people knew when they needed to come in and work conficient to 10 mg so. I could hear each individual ostinato. The beginning was well thought out.	The ending was a little bit messy. Not everyone knew when they needed to finith, which mean the limit and little was a lasting impression.	Subtle changes Repetition

3

Worksheet 3E: Self-evaluation

A good musician is able to recognise their strengths and weaknesses within both. They are also able to learn from each performance to strive to improve their musician the one below to help you self-evaluate your performance today. An example has

Example

Best points of the	I think the best part of the performance was when we got to the everyone had come in with their ostinato and the piece sounds secure and there was good communication between the group
performance	We were able to show off some musical features such as subtle
Parts of the	There was a bit of hesitation as to when to move towards the
performance	this part out clearly which meant that some people, including r
that didn't	to stop playing or change the volume that we played in. There
work	where people played at different speeds.
	I think I played my ostinato accurately be t strong being one of
	the confidence grew as each memor of the group came in to r
How you did	middle section.
personally	
personany	I didn't c' , , a' when moving towards the end. I missed the
	contact in the end I didn't really know what to do. In the end I
	if \gtrsim was a good place to do this.
	The group worked really well together. Everyone was keen to b
How the	decisions together. I feel the piece was planned really well.
group did overall	During the performance most of what we planned worked well
Overall	performing in front of the class caused some hesitations which
	We could have used a group leader to help cue us in and out. T
Improvements	specifically moving from the middle section to the end. To help
that can be	the piece down in rehearsal and gradually speed it up when we
made	
	For more interest we could look at adding in volume and plann

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Worksheet 3F (Homework): Ludovico

Answer the following questions:

- 1) What nationality is Ludovico Einaudi?
- 2) In what year was he born?
- 3) List three of his most famous pieces.
- 4) What instrument does he play / compose for most?
- 5) Listen to the piece 'Le Onde'. List three minimalistic features you can hear.
- 6) For which film did Einaudi win the Grolla d'oro award for best soundtrack?
- 7) In which year did he win this award?
- 8) In which year did Einaudi release his first solo piano album?
- 9) What novel was this album based on?
- 10) What was this album called?
- 11) Einaudi travelled around Africa. Which is posso release was inspired by the
- 12) Einaudi used a different instrum r 'ngside the piano in his album 'Nightbowas this instrument'



Worksheet 3F (Homework): Ludovico E

Answer the following questions:

- 1) What nationality is Ludovico Einaudi?
- 2) In what year was he born?
- 3) List three of his most famous pieces.
- 4) What instrument does he play / compose for most?
- 5) Listen to the piece 'Le Onde'. List three minimalistic features you can hear.
- 6) For which film did Einaudi win the Grolla d'oro award for best soundtrack?
- 7) In which year did he win this award?
- 8) In which year did Einaudi release his first solo piano album?
- 9) What novel was this album based on?
- 10) What was this album called?
- 11) Einaudi travelled around Africa. Which solo piano release was inspired by the
- 12) Einaudi used a different instrument alongside the piano in his album 'Nightba was this instrument?



Worksheet 3F (Homework): Ludovico

Answer the following questions:

- 1) What nationality is Ludovico Einaudi?
- 2) In what year was he born?
- 3) List three of his most for all nieces.
- 4) What instance in the play / compose for most?
- 5) Listen List three minimalistic features you can hear.
- 6) For which and did Einaudi win the Grolla d'oro award for best soundtrack?
- 7) In which year did he win this award?
- 8) In which year did Einaudi release his first solo piano album?
- 9) What novel was this album based on?
- 10) What was this album called?
- 11) Einaudi travelled around Africa. Which solo piano release was inspired by the
- 12) Einaudi used a different instrument alongside the piano in his album 'Nightbo was this instrument?

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Lesson 4: Additive Melodies/Rhythms

Lesson Plan

Lesson Plan	
Aims	 To understand the technique of additive melodies/rhythms To be able to apply the technique of additive melodies/rhyt can be rhythmic, on instruments or on Digital Audio Workst To be able to recall some of the key features of minimalist results.
Starter 5 minutes	Clap a rhythm of your choice. Repeat the rhythm with one extra the extra clap) and add on another extra clap. Repeat the phrase clap a few times. Can students identify what you're doing? Explain what additive melodies/rhythms are the repetition of a note to the end of each repeat.
To Educa	note to the end of each repeat. Optional use of DAW (e.g. 7: nd at) Provide students with sky) t phrase. If using the discussion of any value (their choice). The easiest way is to on the piano roll. The note and length can be edited at ease. (tutorial if you are not familiar with DAW. Suggested video for cozzed.uk/12703-L4-BL1)
Composing 1 20 minutes	Suggested video for drawing on the piano roll in BandLab: from 2 If using instruments: give students time to learn this phrase first rhythm instead of pitched notes if there is not availability of inst given phrase to create their own note addition piece.
	HAPs should be encouraged to write in music notation. LAPs / SEND pupils to be provided with a simple rhythm and a not compositional support if needed).
	Worksheets required (if using instruments only): 4A, 4B
Performance and peer- assessment 10 minutes	Students to listen to the work of two other students and use the complete a peer-assessment. LAPs / SEND pupils – provide a separate worksheet for the asses starters and word banks (Worksheet 4D).
Composing 2 15 minutes	Worksheets required: 4C, 4D Students to use the feedback provided during peer-assessment to compositions. Optional extension/HAP task – compose own note addition piecusing music notation and pitched notes. Further extension – create a bass 'in storce mpany their melod note of each bas of the melod of each bas
Plenary 10 minut	note of each bar of the me' vt begin with and develop it furt Students to list fire the has they have learnt so far this term. I most impose the period of the students of th
Homework	Create a fact file on the following minimalism techniques: Repetition Phase shifting Additive melodies/rhythms Metamorphosis (this has not been covered in class)

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Worksheet 4A: Additive Melody Compo

Additive melody is where you repeat a phrase and add a new note to the end of it. Y the new note), adding another new note to the end of it. This pattern continues unti of the piece. A starting phrase, and an example of adding one extra note, has been g



Added note (to be repeated with the starting phrase on the next section)

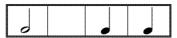
Copy the starting phrase onto a piece of manuscript paper and continue your com-

~

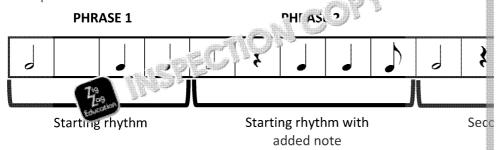
Worksheet 4B: Additive Rhythm Compo

Additive rhythm is where you repeat a rhythmic phrase and add a new note to the end of it. You then repeat this section (with the new note), adding another new note to the end of it. This pattern continues until you are satisfied with the length of the piece. A starting rhythm, and an example of adding one extra note, has been given for you.

Starting rhythm



Example of note addition:



Using the starting rhythm, write your own note addition composition. You should notes/rests.



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Worksheet 4C: Peer-assessment Feed

Listen to another pair perform their composition and use the following questions constructive feedback.

- 1) Were you able to pick out the initial phrase? How were you able / why were
- 2) Were you able to hear that initial phrase repeated throughout the piece? Ho
- 3) Can you clap the rhythm of the initial phrase back? (Try to clap it back to the
- 4) What was your favourite part? Why?
- 5) Is there anything you weren't so keen on in the piece? Why?
- 6) How do you think it could be improved?
- 7) Is there anything else you would add to this piece?
- 8) Describe the piece in one word.

S

4D: Alternative Peer-assessment Fee

Listen to ano pair perform their composition and use the following to help give the constructive feedback.

- 1) a) Were you able to pick out the initial phrase? Yes/No
 - b) How were you able / why were you not able to do this? (Pick one sentence I was able to pick out the initial phrase because I could hear...
 I was able to pick out the initial phrase as the composers had...
 The initial phrase can be heard throughout the whole composition; this
- 2) a) Were you able to hear that initial phrase repeated throughout the piece
 - b) How was this achieved? (Pick one sentence starter to complete your ans *This was achieved by the composers...*

The initial phrase could be heard easily because...

- 3) Can you clap the rhythm of the initial phrase back? (Try to clap it back to the
- 4) What was your favourite part? Why? (Pick one sentence starter to complete *My favourite part was when... This was because...*

I liked it when I heard... This added impact to the piece because...

- 5) a) Is there anything you weren't so keen on in the piece? (Pick one sentence of a line of the like the part that sounded like...

 I wasn't keen on the (beginning/middle/end) section.
 - b) Whv?

This was because...

I didn't like that section because it sounded...

The way the music sounded here made me feel.

- 6) How do you think it could be improved? (Pick on its interce starter to comple I think they could improve their piece !
 - Although the (beginning/mids) ction was good, the (beginning/mimade better by...
- The areconstructions of the sum o

I would add... because...

8) Describe the piece in one word: (Select a word from below or choose your over hypnotic loud dramatic simple repetitive strange

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Lesson 5: Composing Minimalist Music Part 1

Lesson Plan

To be able to recall and identify the different minimalist tech **Aims** To understand the impact of the different minimalist technic To begin a composition using two or three chosen minimalist Play a piece by Ludovici Einaudi, e.g. 'I Giorni' (zzed.uk/12703-Question the students – what makes this piece minimalism? Starter Possible answers will include – repetition, only four chords us 5 minutes feel, etc. Recap ostinato, phase shifting and additi e melodies/rhythm Optional use of DAW (if used in provide less on) Timings given below are an action at a. Task 1: The initial idar in nutes) In groups of a servicents are to write a short plan documenting the pining the imposition. The composition needs to use two of the m tinato, phase shifting, additive melodies/rhythms). Other areas st Instruments used (If taking the acoustic

route, which instruments are available in

lots more choice of instrument sounds.)

How the techniques will be used, e.g.

the classroom? If using DAW they will have

- A rough st description than a strice
- How is the
- How will the
- ostinatos layered in, phase shifting in the How is the

Students should use the planning sheet to help document their cho

Worksheet required: 5A

second half of the piece

Task 2: Creating the first phrase (15 minutes)

Students to compose a short section of their piece. Ideas of what of the main techniques are:

Composing 45 minutes

- Phase shifting compose an initial phrase (suggest to be 8 or rhythmic or melodic, which will then be developed into a pha
- Ostinato compose three or four 2-bar ostinatos which can to 'In C') and could also be used in phase shifting if required
- Additive melody/rhythm compose a 16-beat melody or rhy picking letters (if composing a melody) at random from A–G note value (suggested values ½, 1, 2 and 4) until the group of would be developed by repeating the phrase and adding in a phrase with the new note would to the ted and a further note continue until the piece is 20 30 Londs long.

Task 3: Starting evel pment (10 minutes)

Student are to take their first phrase and begin developing it into the piece to last 20–30 seconds.

Extension: begin working on the second minimalist technique us for the first phrase.

If using acoustic instruments, all musical ideas should be notated the student groups. HAPs should be encouraged to use music no

If using DAW make sure students label their parts adequately to when returning to it next lesson.



	Peer feedback					
	Within the 40 minutes students should stop and listen to another					
Composing	with some feedback to help develop ideas. This can be done any					
(continued) as at least 10 minutes is left to be able to work on the						
	Worksheet required: 5B					
Plenary	Composers and techniques quiz (the homework set previously wi					
10 minutes						
20 1111110100	Worksheet required: 5C					
	Create a fact file on the composer Giovanni Allevi. The following					
Homework	Who is he? Where was he born? (etc.) What pie					
nomework	What instrument does he compositely Why is his					
	What minimalistic technique do le use? minimalis					
What minimalistic technicae une use:						









Worksheet 5A: Minimalist Composition

- 1. Which two minimalist techniques have you chosen?
- 2. What are your initial ideas for the instruments you will use?
- 3. Who is doing what? (Give specifics of who is playing which part or working of
- 4. How do you plan on using these techniques? (Think about whether it will be instruments, split into two sections or used alongside each other, etc.)
- 5. Write down any musical notation / ideas / developments / first phrase.

Worksheet 5B: Peer-assessment

- Can you name the minimalist technique used?
 Yes what is it and how do you know?
 No can you guess it and suggest a way in in ove the composition?
- 3. How do you think this initial " 's s o lu be developed?
- 4. Do you think it current's at the minimalist style? Why / why not?



Worksheet 5C: Composers and Technique

Answer the following questions based on everything you have learnt so far this te

- 1) Name three minimalistic composers.
- 2) What is the name of the technique used when you repeat a phrase and add a new note to the end of it?
- Which technique is used in the piece 'Clapping Music'?
- 4) Explain how the technique for question 3 works.
- 5) Describe what min
- In one word, describ music sounds like.
- 7) Which composer wi
- 8) Name a piece of mu



Worksheet 5A: Minimalist Composition

- 1. Which two minimalist techniques have you chosen?
- 2. What are your initial ideas for the instruments you will use?
- 3. Who is doing what? (Give specifics of who is playing which part or working of
- 4. How do you plan on using these techniques? (Think about whether it will be instruments, split into two sections or used alongside each other, etc.)
- 5. Write down any musical notation / ideas / developments / first phrase.

Worksheet 5B: Peer-assessment – Non-write

- Can you name the minimalist technique used?
 Yes what is it and how do you know?
 - No can you guess it and suggest a we improve the composition?
- 3. How do you think this initial onrese could be developed?
- 4. Do you think it cur set, is the minimalist style? Why / why not?



Worksheet 5C: Composers and Technique

Answer the following questions based on everything you have learnt so far this te

- 1) Name three minimalistic composers.
- What is the name of the technique used when you repeat a phrase and add a new note to the end of it?
- 3) Which technique is used in the piece 'Clapping Music'?
- 4) Explain how the technique for question 3 works.
- 5) Describe what min
- In one word, described music sounds like.
- 7) Which composer w
- 8) Name a piece of m

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Lesson 6: Composing Minimalist Music Part 2

Lesson Plan

To be able to develop the minimalist ideas created in Les of music To be able to perform/present as a group To be able to recall the key features/words of minimalist Starter Students to be given a crossword to recap the keywords and formulated worksheet required: 6A Share with students the assessment criterial for this lesson. Students to continue to work on the continuations from last adding in a second minimalist action are used in two different ways:
• To be able to recall the key features/words of minimalist Starter 5 minutes Worksheet required: 6A Share with students the assessment criteria for this lesson. Students to continue to work on the adding in a second minimal stractoria que (this may have been the second technia) or a personal criteria per used in two different ways:
Starter 5 minutes Worksheet required: 6A Share with students the assessment criter in for this lesson. Students to continue to work on the impositions from last adding in a second minimal streethingue (this may have been The second technique could be a per used in two different ways:
Starter 5 minutes Worksheet required: 6A Share with students the assessment criterial for this lesson. Students to continue to work on the ampositions from last adding in a second minimal strack, and this may have been The second technial collaborated in two different ways:
Share with students the assessment criter in for this lesson. Students to continue to work on the ampositions from last adding in a second minimal street in two different ways:
Students to continue to work on the second minimal steeds in two different ways:
adding in a second minimal steechingue (this may have been The second technique collaboration). The second technique are used in two different ways:
The second technique of a pe used in two different ways:
alor 5 the list technique – for example, an ostinato of the list technique – for example, an ostinato of the list technique – for example, an ostinato of the list technique – for example, an ostinato of the list technique – for example, an ostinato of the list technique – for example, an ostinato of the list technique – for example, and the list technique – for examp
or bass line or harmony part to an additive melody
as a contrasting section – for example, the first section c
Composition one by one and the second section could use an ostinato
30 minutes ostinato) to create a phase shift
All groups should aim to have a piece which:
• lasts 20–30 seconds
has two minimalist techniques
 uses a variety of sounds and/or rhythms (this will be dep
choose to teach, acoustic instruments, rhythmic or DAW
 a clear plan as to what the group is attempting to compo
All groups to perform/present (if written only) their composit
based on the criteria shown at the start of the lesson.
Performances/
Assessment Students (when listening to each group) should try to identify
15 minutes given and any other minimalistic features used.
Worksheet required: 6B
Wrap up the topic with a game of definition bingo (teacher re
find the keyword/phrase on their bingo card or the keyword i
Plenary definition).
10 minutes
Encourage a whole-class discussion (in the last few minutes o
in this topic can carry across into other topics.

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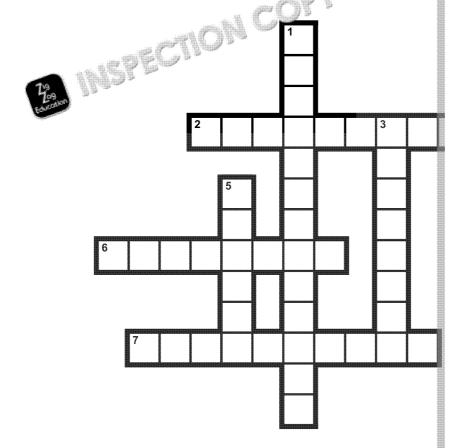
Worksheet 6A: Minimalist Crosswo

Across

- 2 Philip Glass piece with lots of ostinatos (10)
- 6 A word often used to describe minimalist music (8)
- 7 The most common minimalist technique (10)

Down

- The technique used in the piece 'Clapping Music' (5,8)
- 3 A short repeated phrase (8)
- 4 The composer of 'Clapping Music' (5,5)
- A piece composed by Ludovico Einaudi which translates to 'The Waves' (6



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Zig Zag Education

Vorksheet 6B: Assessment Sheet

Create a tab the one below to record your assessments for each group. Self-group composition at the bottom.

Group	Technique focused on	How did you know?

Answers

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Answers have been removed from this sample.



Appendix 1: Blank Manuscript



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Worksheet 1D: Composing Clapping N

Using the tables below, compose your own rhythm and that rhythm in a phase sh

Main rhythm

Phase shifting

rnase simung		<u> </u>		1
			91	
	IEC IV			
The state of the s				

Extension Task

Using a variety of note values (shown in the diagram below) write your own phase s

Note	Rest	Value
O	 -	4
	==	2
J	\$	1
)	7	1/2

Main rhythm (make sure you choose a time signature and use bar lines)





Phase shifting (make sure you put in bar lines)



Worksheet 3B: My Composed Ostinato (with pa

Use this worksheet to help you compose your ostinato. Your ostinato should last 1 rhythm starters of 4 beats below to help you. Pick one rhythm and fill in the last 4 or try to complete it using music notation too (use the table at the bottom to help

Beat	1	2	3	4	5	
Explained rhythm	Clap	Clap	2 even claps	Clap		
Notated rhythm	J	J	J	J		

Beat	1	2	3	4	5	
Explained rhythm	Clap	2 even	2 ≥ en claps	Clap		
Notated rhythm						

N.						
Beat	1	2	3	4	5	
Explained rhythm	Clap ar	nd hold	2 even claps	Clap		
Notated rhythm	a	,	Л			

Beat	1	2	3	4	5	
Explained rhythm	Clap	2 even claps	Shh!	2 even claps		
Notated rhythm	J		}			

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Worksheet 3C: Planning Sheet for 'In C' Recreation

Group members	Chosen instruments/sounds (e	Mood/atmosphere the piece is trying to create (e.c. calm, tense, dramatic, romantic)
Part 1: The beginning The beginning is very importanthis will set the tone for the whole piece. Use transcribing below to help plan your beginning careful	Part 2: The middle By this point everybody should be playing. You can have peored in the group should be active. How are you going to get everybody playing?	ome back in, but all members
Who is going to be the first person or eople!) to play? How are they going to start (e.g. loud, ast, gradually	What impact do you want the piece to have at this point? How might achieve this?	ve this?
speeding up)?	How will each person know when to come in / drop out?	
Why have you decided on this?	Are you going to change the mood/atmosphere of the piece here?	

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he end

You need to consider the following things for the greatest impact and to be able to compose a finish to This is a very important section as it is the last thing your listener will hear, leaving the biggest impact. remember!

ce to show the same feeling/mood/atmosphere as the beginning of Do you want the end of y your piece?

Why have you made this decision?

How might you go about creating this and the sout volume, speed, number of instruments playing at one time, etc.)

310N CON

How can you make the last 10 seconds memorable without it clashing or being too different from the rest of your piece?

Key features

Every genre of music has its own set of key features. Those things that you can hear in multiple songs to make each song belong to a genre. Your piece will need to contain music the sof minimalist music.

What are the key features to listen out for in your piece?

How will you ware that these can be heard clearly?

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Worksheet 4D: Alternative Peer-assessmen

Listen to another pair perform their composition and use the following to help give the Were you able to pick out the initial phrase? Yes / No 1) a) How were you able / why were you not able to do this? (Pick one sentence I was able to pick out the initial phrase because I could hear... Il phrase can be heard throughout the whole composition; this Were you able to hear that initial phrase repeated throughout the piece 2) a) How was this achieved? (Pick one sentence starter to complete your ans This was achieved by the composers... The initial phrase could be heard easily because... Can you clap the rhythm of the initial phrase back? (Try to clap it back to the What was your favourite part? Why? (Pick one sentence starter to complete My favourite part was when... I liked it when I heard... This added impact to the piece because.....

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Is there anything you weren't so keen on in the piece? (Pick one sentence 5) I didn't like the part that sounded like..... I wasn't keen on the (beginning | middle | end) section. b) Why? This was because... I didn't like that section is a sounded... The way the music sounded here made me feel..... How do you think it could be improved? (Pick one sentence starter to comple I think they could improve their piece by... Although the (beginning | middle | end) section was good, the (be section could be made better by..... The area that most needs improving is... It can be improved by...... Is there anything else you would all this piece? (Pick one sentence starte Describe the piece in one word: (Select a word from below or choose your over hypnotic loud dramatic simple repetitive strange

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Worksheet 5A: Minimalist Composition

The two minimalist techniques chosen are:

1)

2)

How we plan on using (Think about whether i pitched instruments, s alongside each other, s

Initial ideas of instruments to be used:



Who is doing what? (Use this space to write down specifics about who is playing which part or working out which section/technique, etc.)

Initial phrase/musical i (Use this space to write ideas / developments / to turn the page sidew

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Worksheet 5B: Peer-assessment Fo

Feedback	Can you name the minimalist technique used? Yes – what is it and how do you know? No – can you guess it and suggest a way to improve the composition?	How do you think to initial phrase could developed?
1		
2		
3		
4		

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Worksheet 6B: Assessment Sheet

Use the table below to record your assessments for each group. Use the part at thown group composition.

Group	Technique focused on	How did you know?
	Education	
	2.3	
	Town of the second	

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